

NPOL 5/23/2013

Submitted by larrycarey on Thu, 2013-05-23 07:52

Date:

Thursday, May 23, 2013 - 07:45

Instrument List:

- [Green](#)

Discussion:

Status:NPOLworking well. No issues to report.

Summary for 5/22/2012 (Wednesday) Operations: Scattered shallow rain showers with widespread drizzle moved from west to east associated with upper level low. Echo coverage of showers generally increased during the day. Earlier in the day, coordinated scanning with D3R was accomplished along with the 130 azimuth with 30 deg sector volumes and then later with RHl's back-to-back with IFLOOD_RAIN 360 rain mapping scan. With widely scattered showers, some back-to-back sub-minute rain mapping was also done in the morning when no suitable targets were present along the 130 azimuth. Later in the afternoon and evening, when potential for showers moved out of range of D3R, NPOLswitched to focus on the Upper Cedar and Turkey River Basins as echo coverage had increased there and showers were slow moving so provided ample opportunity to scan. Since rain showers were shallow, IFLOODS90-6 scan strategy was utilized back-to-back with IFLOOD_RAIN. This mode was maintained for many hours in the afternoon and evening until echo coverage diminished in basins and radar was returned to IFLOOD_RAIN on 3-minute cycle and then later every 5-minutes and then 10-minutes as precipitation moved out of domain. A bird-bath scan was accomplished in light rain/drizzle at NPOL around 2154 UTC. May be sufficient signal and rain depth to checkZdr calibration, which has been very good and stable.
